

Abstract

An isolated polynucleotide comprising a polynucleotide sequence selected from the group consisting of

- 5 a) polynucleotide which is at least 70% identical to a polynucleotide that codes for a polypeptide which comprises the amino acid sequence of SEQ ID No. 2,
 - b) polynucleotide which codes for a polypeptide that comprises an amino acid sequence which is at least 70% identical to the amino acid sequence of SEQ ID No. 2,
 - 10 c) polynucleotide which is complementary to the polynucleotides of a) or b), and
 - d) polynucleotide comprising at least 15 successive nucleotides of the polynucleotide sequence of a), b) or c),
- and a process for the fermentative preparation of L-amino acids using coryneform bacteria in which at least the metY gene is present in enhanced form, and use of the polynucleotides as hybridization probes.